

SEQUENCE LISTING

<110> Shealy, David; Knight, David; Scallon, Bernie; Giles-Komar, Jill; Peritt, David

<120> IL-12 ANTIBODIES, COMPOSITIONS, METHODS AND USES

<130> CEN248

<160> 15

<170> PatentIn Ver 2.0

<210> 1

<211> 5

<212> PRT

<213> Homo sapiens

<400> 1

Thr Tyr Trp Leu Gly

1 5

<210> 2

<211> 17

<212> PRT

<213> Homo sapiens

<400> 2

Ile Met Ser Pro Val Asp Ser Asp Ile Arg Tyr Ser Pro Ser Phe Gln

1 5 10 15

Gly

<210> 3

<211> 10

<212> PRT

<213> Homo sapiens

<400> 3

Pro Arg Pro Gly Gln Gly Tyr Phe Asp Phe

1 5 10

<210> 4

<211> 11

<212> PRT

<213> Homo sapiens

<400> 4

Arg Ala Ser Gin Gly Ile Ser Ser Trp Leu Ala

1 5 10

<210> 5

<211> 7

<212> PRT

<213> Homo sapiens

<400> 5

Ala Ala Ser Ser Leu Gln Ser
1 5

<210> 6
<211> 9
<212> PRT
<213> Homo sapiens
<400> 6

Gln Gin Tyr Asn Ile Tyr Pro Tyr Thr
1 5

<210> 7
<211> 119
<212> PRT
<213> Homo sapiens
<400> 7

Glu Val Gin Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu
1 5 10 15

Ser Leu Lys Ile Ser Cys Lys Gly Ser Gly Tyr Ser Phe Thr Thr Tyr
20 25 30

Trp Leu Gly Trp Val Arg Gln Met Pro Gly Lys Gly Leu Asp Trp Ile
35 40 45

Gly Ile Met Ser Pro Val Asp Ser Asp Ile Arg Tyr Ser Pro Ser Phe
50 55 60

Gln Gly Gin Val Thr Met Ser Val Asp Lys Ser Ile Thr Thr Ala Tyr
65 70 75 80

Leu Gln Trp Asn Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys
85 90 95

Ala Arg Arg Arg Pro Gly Gln Gly Tyr Phe Asp Phe Trp Gly Gln Gly
100 105 110

Thr Leu Val Thr Val Ser Ser
115

<210> 8
<211> 108
<212> PRT
<213> Homo sapiens
<400> 8

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser Trp
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Glu Lys Ala Pro Lys Ser Leu Ile
35 40 45

Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
 65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Asn Ile Tyr Pro Tyr
 85 90 95

Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
 100 105

<210> 9

<211> 503

<212> PRT

<213> Homo sapiens

<400> 9

Arg Asn Leu Pro Val Ala Thr Pro Asp Pro Gly Met Phe Pro Cys Leu
 1 5 10 15

His His Ser Gln Asn Leu Leu Arg Ala Val Ser Asn Met Leu Gln Lys
 20 25 30

Ala Arg Gln Thr Leu Glu Phe Tyr Pro Cys Thr Ser Glu Glu Ile Asp
 35 40 45

His Glu Asp Ile Thr Lys Asp Lys Thr Ser Thr Val Glu Ala Cys Leu
 50 55 60

Pro Leu Glu Leu Thr Lys Asn Glu Ser Cys Leu Asn Ser Arg Glu Thr
 65 70 75 80

Ser Phe Ile Thr Asn Gly Ser Cys Leu Ala Ser Arg Lys Thr Ser Phe
 85 90 95

Met Met Ala Leu Cys Leu Ser Ser Ile Tyr Glu Asp Leu Lys Met Tyr
 100 105 110

Gln Val Glu Phe Lys Thr Met Asn Ala Lys Leu Leu Met Asp Pro Lys
 115 120 125

Arg Gln Ile Phe Leu Asp Gln Asn Met Leu Ala Val Ile Asp Glu Leu
 130 135 140

Met Gln Ala Leu Asn Phe Asn Ser Glu Thr Val Pro Gln Lys Ser Ser
 145 150 155 160

Leu Glu Glu Pro Asp Phe Tyr Lys Thr Lys Ile Lys Leu Cys Ile Leu
 165 170 175

Leu His Ala Phe Arg Ile Arg Ala Val Thr Ile Asp Arg Val Met Ser
 180 185 190

Tyr Leu Asn Ala Ser Ile Trp Glu Leu Lys Lys Asp Val Tyr Val Val
 195 200 205

Glu Leu Asp Trp Tyr Pro Asp Ala Pro Gly Glu Met Val Val Leu Thr
 210 215 220

Cys Asp Thr Pro Glu Glu Asp Gly Ile Thr Trp Thr Leu Asp Gln Ser
 225 230 235 240

Ser Glu Val Leu Gly Ser Gly Lys Thr Leu Thr Ile Gln Val Lys Glu

245

250

255

Phe Gly Asp Ala Gly Gln Tyr Thr Cys His Lys Gly Gly Glu Val Leu
 260 265 270

Ser His Ser Leu Leu Leu His Lys Lys Glu Asp Gly Ile Trp Ser
 275 280 285

Thr Asp Ile Leu Lys Asp Gln Lys Glu Pro Lys Asn Lys Thr Phe Leu
 290 295 300

Arg Cys Glu Ala Lys Asn Tyr Ser Gly Arg Phe Thr Cys Trp Trp Leu
 305 310 315 320

Thr Thr Ile Ser Thr Asp Leu Thr Phe Ser Val Lys Ser Ser Arg Gly
 325 330 335

Ser Ser Asp Pro Gln Gly Val Thr Cys Gly Ala Ala Thr Leu Ser Ala
 340 345 350

Glu Arg Val Arg Gly Asp Asn Lys Glu Tyr Glu Tyr Ser Val Glu Cys
 355 360 365

Gln Glu Asp Ser Ala Cys Pro Ala Ala Glu Glu Ser Leu Pro Ile Glu
 370 375 380

Val Met Val Asp Ala Val His Lys Leu Lys Tyr Glu Asn Tyr Thr Ser
 385 390 395 400

Ser Phe Phe Ile Arg Asp Ile Ile Lys Pro Asp Pro Pro Lys Asn Leu
 405 410 415

Gln Leu Lys Pro Leu Lys Asn Ser Arg Gln Val Glu Val Ser Trp Glu
 420 425 430

Tyr Pro Asp Thr Trp Ser Thr Pro His Ser Tyr Phe Ser Leu Thr Phe
 435 440 445

Cys Val Gln Val Gln Gly Lys Ser Lys Arg Glu Lys Lys Asp Arg Val
 450 455 460

Phe Thr Asp Lys Thr Ser Ala Thr Val Ile Cys Arg Lys Asn Ala Ser
 465 470 475 480

Ile Ser Val Arg Ala Gln Asp Arg Tyr Tyr Ser Ser Ser Trp Ser Glu
 485 490 495

Trp Ala Ser Val Pro Cys Ser
 500

<210> 10

<211> 15

<212> DNA

<213> Homo sapiens

<400> 10

agatatacta tgcac

15

<210> 11

<211> 51

<212> DNA

<213> Homo sapiens
<400> 11
gttataatcat ttgatggaaag caataaaatac tacgttagact ccgtgaaggcc 51

<210> 12
<211> 30
<212> DNA
<213> Homo sapiens
<400> 12
gaggccccggg gatcgatgc tttgatatac 30

<210> 13
<211> 33
<212> DNA
<213> Homo sapiens
<400> 13
ctctccgtca gggccagtc gagtgttagc agctacitaccc 33

<210> 14
<211> 21
<212> DNA
<213> Homo sapiens
<400> 14
gatgcattcca acagggcc 18

<210> 15
<211> 27
<212> DNA
<213> Homo sapiens
<400> 15
cagcagcgta gcaactggcc t 21